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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 3762

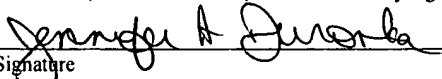
Patent Application of  
Kenneth J. Ruchala, et al.  
Application No. 10/506,866  
Confirmation No.: 4683

Filed: May 16, 2005

Examiner: Jeffrey R. Jastrzab

“METHOD FOR MODIFICATION OF  
RADIOTHERAPY TREATMENT  
DELIVERY”

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(b)**

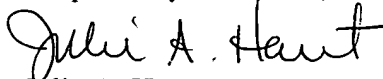
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Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of non-U.S. patent references are enclosed. Citation of these references is respectfully requested.

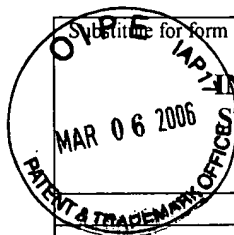
No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

  
Julie A. Haut  
Reg. No. 51,789

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

## Complete if Known

Application Number	10/506,866
Filing Date	May 16, 2005
First named Inventor	Kenneth J. Ruchala
Group Art Unit	3762
Examiner name	Jeffrey R. Jastrzab
Attorney Docket Number	013869-9005-01

## U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	6,842,502	Jaffray et al.	1/9/2003
	2002/0080915 A1	Frohlich	6/27/2002

## FOREIGN PATENT DOCUMENTS

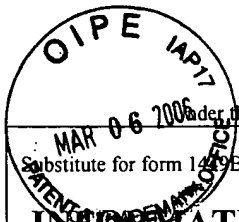
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Examiner Signature		Date Considered	
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Sheet	1	of	2	Application Number	10/506,866
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Filing Date	May 16, 2005
First Named Inventor	Kenneth J. Ruchala
Group Art Unit	3762
Examiner Name	Jeffrey R. Jastrzab
Attorney Docket Number	013869-9005-01

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		K.J. RUCHALA, G.H. OLIVERA, J.M. KAPATOES, R. JERAJ, P.J. RECKWERDT and W. LU; Multi-Margin Optimization with Daily Selection (mmods) for Image-Guided Radiotherapy; International Journal of Radiation Oncology Biology Physics, 10/1/2002, page 318, Vol. 54, Issue 2, Supplement 1, Elsevier Science Inc., United States. Also available online 9/20/2002.
		Abstract-7948-50213: A Solution for the "Cassandra Complex" of Image-Guided Radiotherapy. Published in Medical Physics.
		DI YAN, FRANK VICINI, JOHN WONG and ALVARO MARTINEZ, Adaptive Radiation Therapy, Phys. Med. Biol. 42, 1997, pgs 123-132, IOP Publishing Ltd., United Kingdom
		DI YAN and DAVID LOCKMAN, Organ/Patient Geometric Variation in External Beam Radiotherapy and Its Effects, Med. Phys. 28, April 2001, Am. Assoc. Phys. Med.
		DI YAN, D.Sc., D.A. JAFFRAY, Ph.D., and J.W. WONG, Ph.D., A Model to Accumulate Fractionated Dose in a Deforming Organ, Int. J. Radiation Oncology Biol. Phys., 1999, pgs. 665-675, Vol. 44, No. 3, Elsevier Science Inc., United States.

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